

10/28/20

Je 3  
Je 895

ISSUE CLASSIFICATION	
Class	Subclass

PATENT NUMBER

## U.S. UTILITY Patent Application

<p>O.I.P.E.</p> <p>SCANNED <i>GO</i> Q.A. <i>dm</i></p>	PATENT DATE
---	-------------

APPLICATION NO. 09/917378	CONT/PRIOR	CLASS 435	SUBCLASS 200	ART UNIT 1645 1652	EXAMINER RAO
------------------------------	------------	--------------	-----------------	--------------------------	-----------------

## APPLICANTS

Shi-You Ding  
William Adney  
Todd Vinzent  
Michael Himmel

BEST AVAILABLE COPY

# Title

Thermal tolerant mannucanase from acidothermus cellulolyticus

PTO-2040  
12/99

<b>ISSUING CLASSIFICATION</b>															
<b>ORIGINAL</b>				<b>CROSS REFERENCE(S)</b>											
<b>CLASS</b>		<b>SUBCLASS</b>		<b>CLASS</b>	<b>SUBCLASS (ONE SUBCLASS PER BLOCK)</b>										
<b>INTERNATIONAL CLASSIFICATION</b>															

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			<b>NOTICE OF ALLOWANCE MAILED</b>	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____	_____ (Primary Examiner) (Date)			<b>ISSUE FEE</b>	
				Amount Due	Date Paid
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)			<b>ISSUE BATCH NUMBER</b>	
<b>WARNING:</b> The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.					

Form PTO-436A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

(FACE)